



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : A61B 17/34	A1	(11) International Publication Number: WO 00/54677 (43) International Publication Date: 21 September 2000 (21.09.00)
<p>(21) International Application Number: PCT/IE00/00034</p> <p>(22) International Filing Date: 20 March 2000 (20.03.00)</p> <p>(30) Priority Data: S990218 18 March 1999 (18.03.99) IE</p> <p>(71) Applicant (for all designated States except US): GAYA LIMITED [IE/IE]; 2-3 Sandyford Village, Sandyford, Dublin 18 (IE).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): ROSNEY, Damien [IE/IE]; Mount Pleasant, Bluebell, Tullamore, County Offaly (IE). CUMMINS, Christy [IE/IE]; 54 Knockowen Road, Tullamore, County Offaly (IE). BERMINGHAM, Donal [IE/IE]; Ballycommon, Tullamore, County Offaly (IE).</p> <p>(74) Agent: MACLACHLAN & DONALDSON; 47 Merrion Square, Dublin 2 (IE).</p>	<p>(81) Designated States: CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).</p> <p>Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>	
(54) Title: A SURGICAL ACCESS DEVICE		
<p>(57) Abstract</p> <p>Surgical device (1) is for use in minimally invasive surgery using an inflated body cavity (2) accessible to a surgeon through the device (1) surrounding an incision in a patient's abdominal wall (3). The device engages with the cavity (2) by an anchor ring (5) and is held in position on the patient's skin by an adhesive web (6). The device (1) is sealed by a liquid filled cell (8) connected between the anchor ring (5) and the web (6). The web (6) has a connector ring (7) for additional seals and/or for holding or guiding medical instruments into position.</p> 		